

AMENDMENT TO THE SPECIFICATION

Please amend the title as follows:

Output-powered Over-voltage Protection Circuit

Please amend Paragraph [0010] as:

[0010] Figure 2 is a schematic diagram of an over voltage detection circuit according to an embodiment of the invention.

Please replace the Abstract with the following amended Abstract:

~~In an embodiment of the invention a circuit is used for providing a regulated voltage.~~ A circuit is provided to regulate an output voltage. The circuit ~~comprises~~ includes an upper transistor connected to an input voltage from a voltage source, a lower transistor connected to the upper transistor, a pulse width modulator for generating control signals for the upper and lower transistors and a voltage protection circuit. The voltage protection circuit ~~comprises~~ includes an over-voltage detector circuit powered by the regulated output voltage. The voltage protection circuit can cause the lower transistor to draw sufficient current from the voltage source such that the over-voltage condition becomes abated.